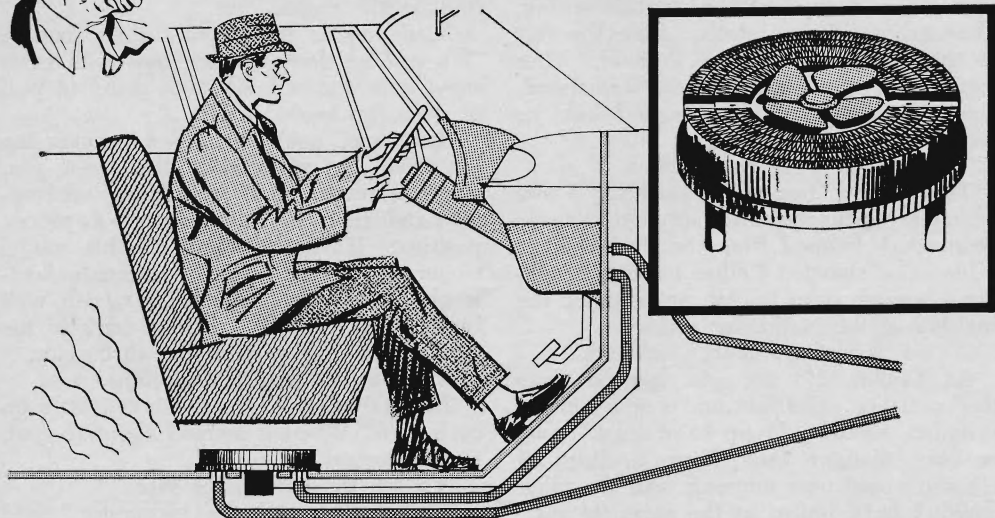


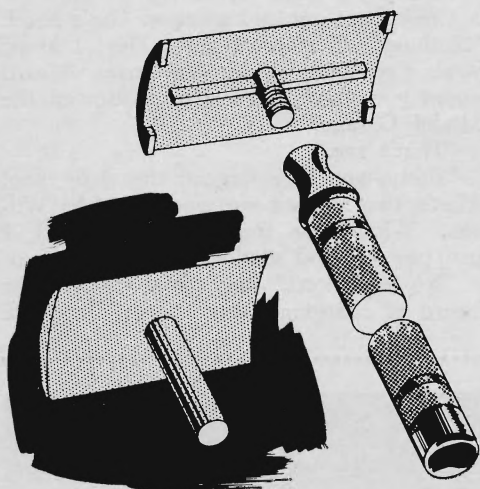


# Hints from the Model Garage

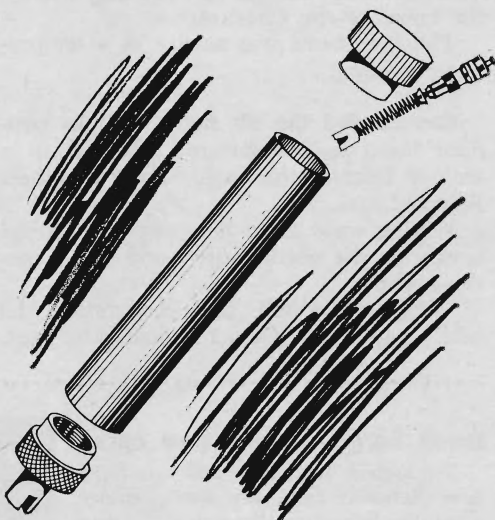


**A common fault of under-dash heaters** is the lack of heat for rear-seat passengers. Solution: Install an under-seat heater (from any 1948-1955 General Motors car) under the front seat, discard the heater cover, and cut holes in the floor for the fan motor and hose connections.

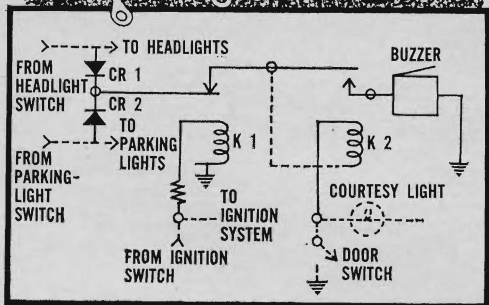
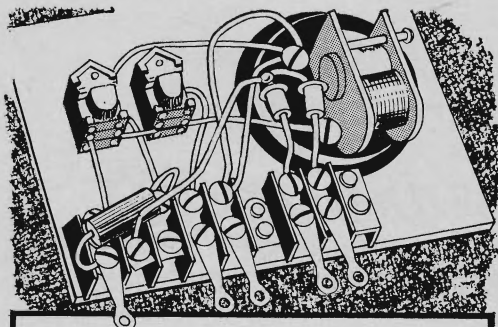
Run a hose from the dash heater outlet to the under-seat heater's intake and a return hose from the heater to the engine. Run a wire from the fan motor to a rheostat switch on the dash and then to a hot terminal. The car's original heater control now operates both heaters.



**To remove upper halves of main bearings**, improvise a tool from an old safety razor. Discard the backing plate and grind away all projections on the faceplate. Cut the handle in two. Turn down the top half in a lathe until it fits the journal's oil hole; then screw it back on (left).

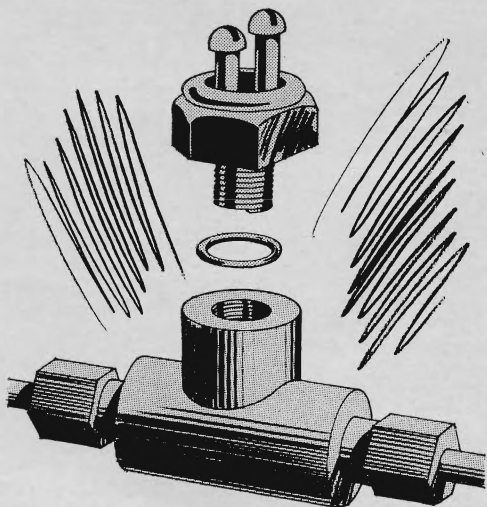


**To store spare valves** so they won't stray or get damaged, carry them in a container that's also a tool for removing and replacing tire-valve cores. Solder a valve cap on a short piece of  $\frac{1}{8}$ " brass or copper tubing. Close the other end with a tight-fitting plastic cap.



To avoid leaving headlights on after you've parked your car, make this simple audio alarm. It sounds off when the ignition is turned off and the door opens—if the headlights are on. K1 and K2 are 15-VDC war-surplus relays; CR1 and CR2 are silicon diodes with a 500 ma. rating.

.....



When replacing a stoplight switch that's defective, you may find the threaded hole in the T union so stretched that the new switch won't fit tight enough, causing a brake-fluid leak. Slip a spark-plug ring over the end of the new switch and you have a leakproof joint.

*Continued*

## The most useful gift you can give or receive



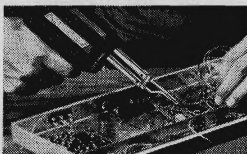
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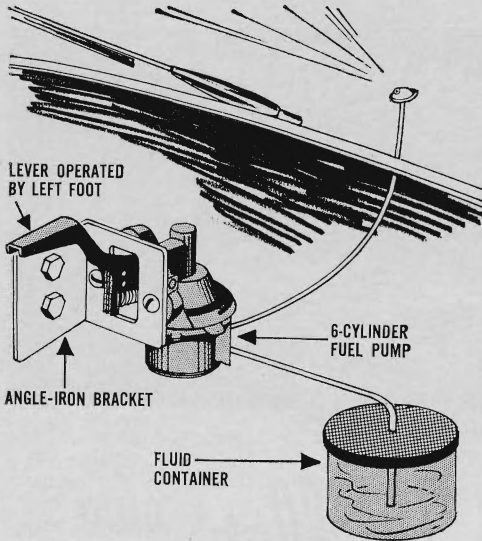
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## More Hints from the Model Garage



Make your own windshield washer by mounting a fluid container on the firewall or on the engine-compartment sheet metal. Run a pipe to a six-cylinder-Ford fuel pump fastened with an angle bracket to the left side of the cowl. Add a foot lever and run tubing to the nozzles.

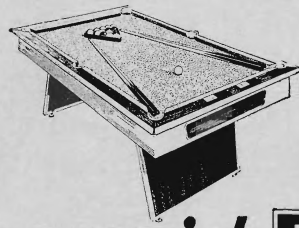
## Your Auto Hint Can Win a \$15 Prize

Have you found an easier way to do a difficult job on your car? Have you worked out a short cut that is saving you money on repairs? Have you discovered a way to improve the family car at little cost? Have you devised ways to make your driving safer, to add to your driving comfort or convenience, or to change some feature or detail you disliked about your car?

If you have come up with any good ideas along these lines, we would like to know about it. We want new ideas and offer a prize of \$15 for each one we publish.

Send us a complete description of your hint—typewritten if possible—and include a rough pencil drawing and/or a photograph if you feel that this will make it more easily understood. Address your entry to:

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